

**Declaration and Power of Attorney For Patent Application**  
**English Language Declaration**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR REGENERATION OF PARTICULATE FILTER  
the specification of which USING MICROWAVE ENERGY

(check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as

Application Serial No. 0 / \_\_\_\_\_

and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s)**

**Priority Claimed**

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

0 /	(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
0 /	(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Ansel M. Schwartz, Reg. No. 30,587

Send Correspondence to:

Ansel M. Schwartz

412/621-9222

Direct Telephone Calls to: (name and telephone number)

Full name of sole or first inventor	
Frederick M. Mako	
Inventor's signature	Date
<i>Frederick M. Mako</i>	10/13/95
Residence	
6308 Youngs Branch Drive, Fairfax Station, VA 22039	
Citizenship	
United States	
Post Office Address	
6308 Youngs Branch Drive, Fairfax Station, VA 22039	
Full name of second joint inventor, if any	
Richard Silberglitt	
Second inventor's signature	Date
<i>Richard Silberglitt</i>	10/13/95
Residence	
5403 Sideburn Road, Fairfax, VA 22032	
Citizenship	
United States	
Post Office Address	
5403 Sideburn Road, Fairfax, VA 22032	

(Supply similar information and signature for third and subsequent joint inventors.)

Applicant or Patentee: Frederick M. Mako, Richard Silberglitt

Application or Patent No.: / \_\_\_\_\_

Filed or Issued: \_\_\_\_\_

For: METHOD AND APPARATUS FOR REGENERATION OF PARTICULATE FILTER USING  
MICROWAVE ENERGY

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9(f) and 1.27(b))—INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor, as defined in 37 CFR 1.9(c), for purposes of paying reduced fees under Sections 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled METHOD AND APPARATUS FOR REGENERATION OF PARTICULATE  
FILTER USING MICROWAVE ENERGY  
described in

- ☒ the specification filed herewith.  
☐ application no. / \_\_\_\_\_, filed \_\_\_\_\_.  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

I have not assigned, granted, conveyed or licensed, and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c), if that person had made the invention, or to any concern that would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ no such person, concern, or organization.  
☐ persons, concerns or organizations listed below \*

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: a subject is presented with a stimulus (a word or image), then a response is recorded, followed by a feedback phase (a green box with a checkmark), and finally a reward (a coin). The sequence is repeated for multiple trials. The diagram is labeled with 'Stimulus', 'Response', 'Feedback', and 'Reward'.

Frederick M. Mako  
Name of inventor  
*Frederick M. Mako*  
Signature of Inventor

Date October 13, 1985

Richard Silbergliitt

Name of inventor

*Richard Silbergliitt*

Signature of Inventor

Date October 13, 1995

Name of inventor \_\_\_\_\_

Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_